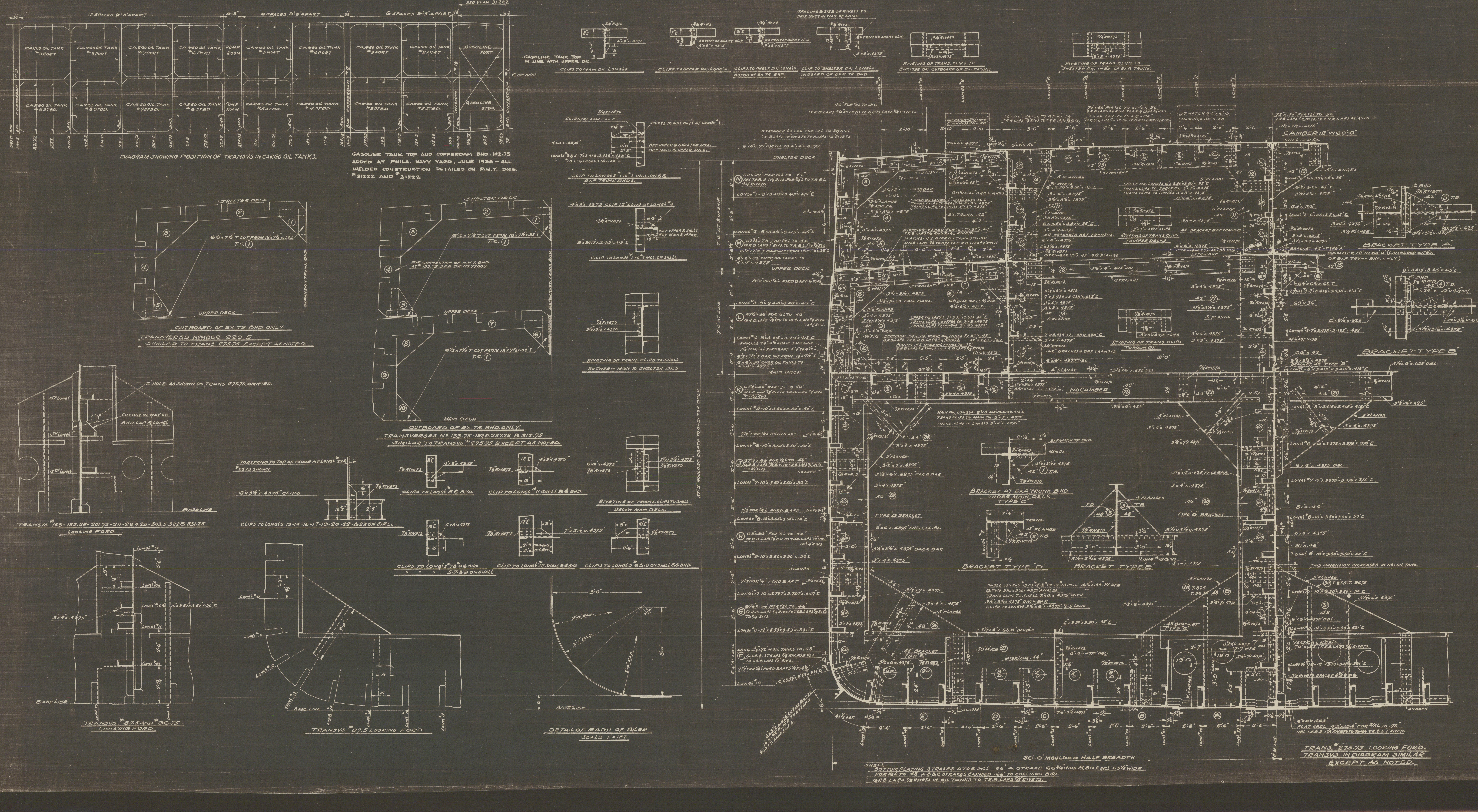
TRINITY

JOINER WORK IN BRIDGE DECK HOUSE AND WHEEL HOUSE:-
JOINER BULKHEADS AND CEILING TO BE PLAIN T.&G. CYPRESS PAINTED.
WITH OAK TRIMMINGS. DECK BEAMS TO BE ENCASED IN CYPRESS, EXCEPT IN CAPTAINS BATH.
CAPTAINS OFFICE AND STATEROOM, AND CHART ROOM TO BE
FINISHED IN POLISHED PLAIN OAK WAINSCOTING, WITH PLAIN OAK PANELS ABOVE.
WHEEL ROOM TO BE CEILED WITH PLAIN T.&G. OAK.
WHEEL & CHART HOUSE TO BE BUILT OF TEAK WITH PLATE GLASS IN WINDOWS
TEAK STORM SHUTTERS WITH FIXED LIGHTS TO BE FITTED IN FRONT WINDOWS OF WHEEL ROOM.
WINDOWS IN CHART ROOM FITTED WITH VENETIAN BLINDS.
JOINER DOORS:-
ALL DOORS TO QUARTERS TO BE 24" IN CLEAR, UNLESS OTHERWISE MARKED.
OUTSIDE DOORS TO BE OF SOLID TEAK, NOT PANELED.
INTERIOR DOORS TO BE OF CYPRESS, EXCEPT THAT ROOMS FINISHED IN OAK ARE TO HAVE OAK DOORS.
ALL JOINER DOOR SILLS TO BE COVERED WITH SHEET BRASS.
UPHOLSTERY:-
ALL FURNITURE IN OFFICERS' QUARTERS SHALL BE UPHOLSTERED IN A HIGH GRADE OF LEATHER.
CORK PAINTING:-
EXPOSED STEEL WORK IN LIVING QUARTERS WHERE NOT CEILED TO BE CORK PAINTED.
CANVAS COVERS:-
TO BE PROVIDED FOR BOATS, SHIP'S BELLS, SOUNDING MACHINE AND EXPOSED STEERING WHEELS, TELEGRAPHS, & BINNACLES.
MOSQUITO SCREENS:-
OF COPPER WIRE TO BE FITTED AS FOLLOWS:-
OVER ALL VENTS TO QUARTERS AND IN GALLEY SKYLIGHT & SKYLIGHT OVER CREWS QUARTERS.
IN ALL AIR PORTS TO QUARTERS, WINDOWS IN CHART ROOM INCLUDING WINDOW BET CHART RM & WHEEL ROOM.
COPPER WIRE SCREEN DOORS WITH OAK FRAMES TO BE FITTED TO ALL DOORS WHERE INDICATED IN DOTTED LINES.
GUN PLATFORM FORD.
5"-51 CAL GUN
PORTABLE RAIL STANCHIONS WITH 2-CHAINS
READY SERVICE PRIMERS LKR.
PERFORATED PLT.
12" VERT. LADDER
PORTABLE PLATFORM
LIFE PERSERVER ADDED ON AFTER SIDE OF FLYING BRIDGE P&S.
SOUNDING REEL & BOOM ADDED ON BRIDGE DECK BET. FRS 120.5 & 133.75 STBD ONLY
AWNING STANCHIONS ON BRIDGE DECK MOVED OUTBD TO SUIT RAIL & AWNING STANCHION PLAN 94335
BOX TO COVER FUNNEL TO FUEL OIL TANK IN GALLEY ADDED ON TOP OF DECK HOUSE AFT OF 416.75 STBD ONLY
300 GAL. S.W. TANK ON TOP OF DECK HOUSE AFT MOVED FROM STBD SIDE TO PORT SIDE OF SHIP. DECK GEAR BOX ADDED ON STBD SIDE OF TOP OF DECK HOUSE AFT OF 423.75. LIFE PERSERVER ADDED ON RAIL ON AFTER END OF AFTER DECK HOUSE PORT & STBD
HAND STEERING WHEEL & COMPASS ADDED ON TOP OF STEERING GEAR HOUSE
80 GAL. SCUTTLE BUTT IN STORE ROOM ON MAIN DECK BET. 432.75 & 442.75 MOVED OUTBD TO FASTEN ON AFTER SIDE OF AMMN ROOM. DOOR TO AMMN ROOM MADE TO SWING IN OPPOSITE DIRECTION
& DOOR TO MEAT ROOM IN COLD STORAGE MADE TO SWING IN OPPOSITE DIRECTION
TILING IN BATH INDICATED
PLAN BROUGHT UP TO DATE
FOLDING LAVATORY IN CHART ROOM OMITTED 6.23.19
SPACE FORMALLY OCCUPIED BY RADIO ROOM MADE INTO STATE ROOM AS PER LETTER 8-7-19
SMOKE PIPE FROM OFFICERS GALLEY SHOWN ON BRIDGE DK.
HAWSER REELS ON UPPER DECK FORD. MOVED FOR'D
6" DIA HOLE WITH BOLTED COVER PLATE CUT IN UPPER PK. 3'-4" FORD OF 42.375
HEATER ON STBD SIDE OF SHIP BET. 25 & 26 SHD 3333 ON UPPER DECK MOVED AFT & FASTENED ON SHD 3333
PELORUS STAND ON TOP OF WHEEL HOUSE MOVED AFT & ONE ADDED FOR PORT SIDE OF SHIP.
2" SCUPPERS SHOWN IN AFTER CORNERS OF WHEEL HOUSE TOP P&S
PRINCIPAL DIMENSIONS:-
LENGTH OVERALL ABOUT 477'-9"
LENGTH-LLOYDS-FORD SIDE OF STEM TO AFTER SIDE OF RUDDER POST AT UPPER DECK-463'-3"
BEAM-MOULDED-60'-0"
DEPTH MOULDED-TO SHELTER DECK-37'-2"
DEPTH-MOULDED-TO UPPER DECK-29'-8"
LOAD DRAFT-ABOUT 26'-2" IN SALT WATER
HALF SIDING-1½"
DEADRISE-6"
RADIUS OF BILGE-3'-1" FAIRED IN ABOVE AND BELOW WITH 2'-0" RADIUS.
TUMBLEHOME AT SHELTER DECK-3"
SHEER OF SHELTER DECK-6'-6" FORD, 3'-4" AFT
NO SHEER AMIDSHIPS BETWEEN FRAMES 106 AND 364.
FRAMES SPACED 24" BETWEEN 3 AND 25
FRAME NUMBERS REPRESENT NUMBER OF FEET AFT OF POINT 3½' FORD OF F.P.
HEIGHTS BETWEEN DECKS (MOULDED):-
MAIN TO UPPER DECK-7'-0" AT SIDE OF SHIP
UPPER TO SHELTER DECK-7'-6" AT ℄ OF SHIP
SHELTER TO BRIDGE DK-11'-0"
BRIDGE DK. TO FLYING BRIDGE-7'-6"
FLYING BRIDGE TO TOP OF WHEEL HOUSE-7'-6" AT ℄ OF SHIP
SHELTER DK. TO TOP OF HOUSES AFT-7'-6"
NO CAMBER IN MAIN DECK.
ALL OTHER DECKS HAVE CAMBER OF 12" IN 60'-0"
OUTFIT FURNISHED BY NAVY DEPT:-
NAVIG-OUTFIT, NAUTICAL INSTRUMENTS, ALL CHAIRS.
FLAGS & CERTAIN OF THE BOATS.
MATTRESSES, BEDDING, LINEN, WIRELESS OUTFIT, ALL RANGES & COMMISSARY APPLIANCES. ALL GALLEY & PANTRY UTENSILS & STOVES, SILVERWARE, CUTLERY, GLASSWARE, CROCKERY & MESS OUTFITS.
26 FT MOTOR BOAT
26 FT MOTOR WHALE BOAT
2 LIFE FLOATS 25 PERSONS EACH
2 LIFE FLOATS 41 PERSONS EACH
WATER BREAKER STOWAGE
RADIO OPERATORS' QUARTERS
GENERATOR ROOM
RADIO ROOM
ENGINE ROOM SKYLIGHT
36 FT MOTOR LAUNCH
2-14 FT PUNTS
INFLAMMABLE MEDICAL CHEST
INFLAMMABLE LIQUID METAL CHEST
KEROSENE DRUM STOWAGE
TOP OF STEERING GEAR HOUSE.
TOP OF DECK HOUSE AFT
TOP OF PUMP-ROOM HOUSE.
24'-0" NAVY STANDARD WHALEBOAT
CAPTAINS CABIN
CAPTAINS STATEROOM
CAPTAINS BATH
BRIDGE DECK.
MOVING PICTURE BOOTH
CHART ROOM
WHEEL ROOM
FLYING BRIDGE.
04" SEARCHLIGHT PLATFORM
(5'-0" ABOVE TOP OF WHEEL HOUSE)
TOP OF WHEEL HOUSE
S.D. STORES
CARGO HATCH TRUNK
CARGO SPACE
ARMORY
POST OFFICE
EMERGENCY GENERATOR
NAVIGATING STORES
CLOTHING & SMALL STORES
UPPER DECK FORWARD
FINISHED PLAN
U. S. S. TRINITY
CORRECTED TO SUIT SHIP
PLACE | DATE | NAVAL CONSTRUCTOR
NAVY YARD, PHILADELPHIA, PA. | AUG.25-1938
ARRANGEMENT-
MAIN AND UPPER DECKS
AND TOPS OF HOUSES.
SCALE ¼"=1 FT 1-9-19
C.C. CLEMENT
E.F. Heath
96051
248,255
Dec. 21
C&R. No 107467-A
AREA 130¾" x 29¼" = 26.5 SQ.FT



RIVETING SCHEDULE

CONNECTION	DIA. OF RIVET	SPACING INCHES	SPACING DIAS	REMARKS
6"x6"x.4375" CLIPS TO TRANS & ¢ BHD.	7/8"	4 3/8"	5	SEE DETAIL
5"x5"x.4375 CLIPS TO MAIN DK. & TRANS.	7/8"	4 3/8"	5	" "
3½"x3½"x.4375 CLIPS TO SHELL & TRANS (BACK BAR)	7/8"	4"	4½	" "
3½"x3½"x.4375 CLIPS TO SHELL & TRANS. BET'N M & SH. DKS.	7/8"	4"	4½	" "
6"x6".4375 CLIPS TO SHELL & TRANS.	7/8	4"	4½	" "
3"x3"x.4375 CLIPS TO ¢ BHD. - EXP. TR. & TRANS.	3/4"	3¾"	5	" "
7"x3½"x.4375 LONG'L SUPPORTS TO TRANS.	7/8"	—	—	" "
6"x3½"x.4375 LONG'L SUPPORTS TO TRANS.	7/8"	—	—	" "
3"x4"x.4375 LONG'L CLIPS TO TRANS.	3/4 & 7/8	—	—	" "
FACE ANGLES TO TRANS. BELOW MAIN DK.	7/8"	5¼"	6	" "
FACE ANGLES TO TRANS. ABOVE MAIN DK.	3/4"	4½"	6	" "
BUTT LAPS OF TRANS.	7/8"	—	—	" "
3"x3"x.4375 TO UPPER DK & TRANS.	3/4"	3¾"	5	" "
3"x3"x.4375 CLIPS TO SH. DK. & TRANS. INBD. OF EXP. TR. BHD.	3/4"	3¾"	5	" "
3"x3"x.4375 CLIPS TO SH. DK. & TRANS. OUTBD. OF EX. TR. BHD.	3/4"	4½"	6	" "
3½"x3½"x.4375 CLIPS TO ¢ BHD. EX. TR. BHD & TRANS.	3/4"	3¾"	5	" "

MATERIAL SCHEDULE

ITEM	MARK	REQ No
TRANS. FRAMES IN MAIN OIL TANKS	F.	69-70
TRANS. PLATES	T.	26-27-28
TRANS. BRACKETS	T.B	27
6"x6"x.4375"	MISCL.	76
3½"x6"x.625	MISCL.	77
3½"x6"x.4375"	MISCL.	78
3½"x5"x.4375	MISCL.	80
3½"x7"x.4375	MISCL.	73
3"x4"x.4375	MISCL.	84
3½"x3½"x.4375"	MISCL.	88
3"x3"x.4375"		
5"x5"x.4375"		
6½"x6½"x.45" T		46
18"x7½"x.38" I		

REFERENCE PLANS

76319 FRAME & SHELL EXPANSION	HULLS 208-209 & 248-255
75832 BHDS. O.T. ¢ & EXPANSION TRUNK & LONG'L 18	" " " "
85065 DECKS MAIN, UPPER & SHELTER PLATING.	" 248-255
76067 BHDS. O.T. TRANS #106 - 133.75 ETC.	" 208-209 & 248-255
76535 BRACKETS - SHELL LONG'LS AT ENDS & TO TRANSVERSES AMIDSHIP.	" " " " "

SUBSTITUTION OF SIZES OF CHANNELS

CHANNELS CALLED FOR ON PLANS.	CHANNELS SUBSTITUTED BY EASTERN STEEL CO.
10"x3.5"x3.5"x.50"x27.2#	10"x3.47"x3.47"x26.98#
10"x3.375"x3.375"x.375"x21.7#	10"x3.45"x3.45"x26.27#
10"x3.797"x3.797"x.447"x30#	10"x3.56"x3.56"x30.08#
8"x3.415"x3.415"x.415"x21.5#	8"x3.45"x3.45"x21.18#
7"x3.438"x3.438"x.438"x18.6#	7"x3.45"x3.45"x18.87#
7"x3.45"x3.45"x.45"x20.9#	7"x3.5"x3.5"x20.6#
6"x3.5"x3.5"x.35"x15#	6"x3.47"x3.47"x17.23#
12"x3.773"x3.773"x.473"x35#	12"x3.53"x3.53"x33.97#

PRINCIPAL DIMENSIONS

LENGTH OVERALL 477'-9" ABOUT.
LENGTH FORD. SIDE OF STEM TO AFTER SIDE OF RUDDER POST AT UPPER DK. 463'-3"
BEAM MOULDED 60'-0"
DEPTH MOULDED TO SHELTER DK. 37'-2"
DEPTH MOULDED TO UPPER DK. 29'-8"
STEM 11" x 2 7/8"
PROPELLER POST 11" x 8½"
RUDDER POST 9½" x 8½"
RUDDER STOCK 11" DIA.
PROPELLER BOSS PLATES .80"

LLOYDS NUMERALS.

TRANSVERSE NUMBER = B+D = 60+29.67 = 89.67
LONGITUDINAL NUMBER = L x (B+D) = 463.25 x 89.67 = 41539.63
L/D = 12.46 TO SHELTER DK.
EQUIPMENT NUMBER 41539.63 + 3056.37 = 44596

EQUIPMENT (AS SPECIFIED)

2 BOWER ANCHORS STOCKLESS, EACH 9415#
1 STREAM ANCHOR EXCLUSIVE OF STOCK 2900#
1 KEDGE " " " 1550#
240 FATHOMS 2 7/16" STUD LINK CHAIN
4 LENGTHS EACH 90 FATHOMS 6" MANILA
130 FATHOMS 1 3/8" DIA. S.W. ROPE - LARGE EYE ON ONE END, & REEL.
2 HAWSERS 120 FATHOMS EACH 10" MANILLA.
2 LENGTHS 90 " 7" MANILLA.
2 LENGTHS EACH 100 FATHOMS 1 1/8" DIA. STEEL WIRE ROPE
(LARGE EYE ON ONE END -- ON REELS).
2 LENGTHS EACH 90 FATHOMS 8" MANILLA.
2 " " 120 " 8" MANILLA.

CORRECTED PLACE	TO SUIT DATE	SHIP NAVAL CONSTRUCTOR
NAVY YARD, PHILADELPHIA, PA.	7-27-38	[illegible signature]

NOTES

1. TRANS. CLIPS TO SHELL, DKS. & EXPANSION TRUNK TO BE JOGGLED IN WAY OF SEAMS EXCEPT WHERE TOO CLOSE TO LONG'L TO TAKE 2 RIVS. IN JOGGLED END, TO BE LINERED.
2. RIVETS IN CLIPS & BOUNDING BARS TO BE STAGGERED WITH THE RIVETS IN OPPOSITE FLANGE WHERE PRACTICABLE.
3. ALL NOTCHES FOR LONG'LS TO HAVE ROUND CORNERS & NOT TO BE ROUGH PUNCHED.
4. LIGHTENING HOLES TO BE NOT LESS THAN 8" CLEAR OF NOTCHES FOR LONG'LS.
5. BRACKET TO REDUCE SPAN FITTED AT LONG'L No 1 & 2 AT TRANS No 87.5 - 152.25 AND 331.25. SEE PLAN No 76535.

FINISHED · PLAN.

MATERIAL	NAME	ITEM	REF.	PIECES.
O.H. MED. STEEL	ARRG'T. THUS			8

MIDSHIP SECTION & TRANSVERSES IN CARGO OIL TANKS.

½" INCH 6-14-18.

R.M.D. & A.S.
A. SIEGEL.
Geo. Mossenburg
E. F. Heath
6-14-18
84952

7/1/18 · 248-255 · 10

U. S. S. TRINITY

C&R No 107471
AREA 72 7/8" x 27 7/8" = 14.0 SQ. FT.